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(54) Title: AN ORGANIC MINERAL FERTILIZER

(57) Abstract: The invention relates to the preparation method of an organic mineral fertilizer from organic material using dry solid granulation technique with urea. Further, the invention relates to the fertilizer product having good mechanical properties. The method of the invention for preparing organic waste material based fertilizer granules comprises the steps of: drying the organic waste material and crushing the dried waste, mixing the crushed waste material with dry urea and optionally with other fertilizer source materials to provide a solid feed material, feeding the said solid feed to a melter, heating the feed material for melting a desired portion thereof and keeping said portion in a molten state, feeding the partly molten feed material from the melter to a granulator or to obtain a granulated product, cooling and screening the granulated product to obtain dry and mechanically resistant organic mineral fertilizer granules having a desired size distribution.



























